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PATENT & TRADEMARK OFFICE

FIG.1

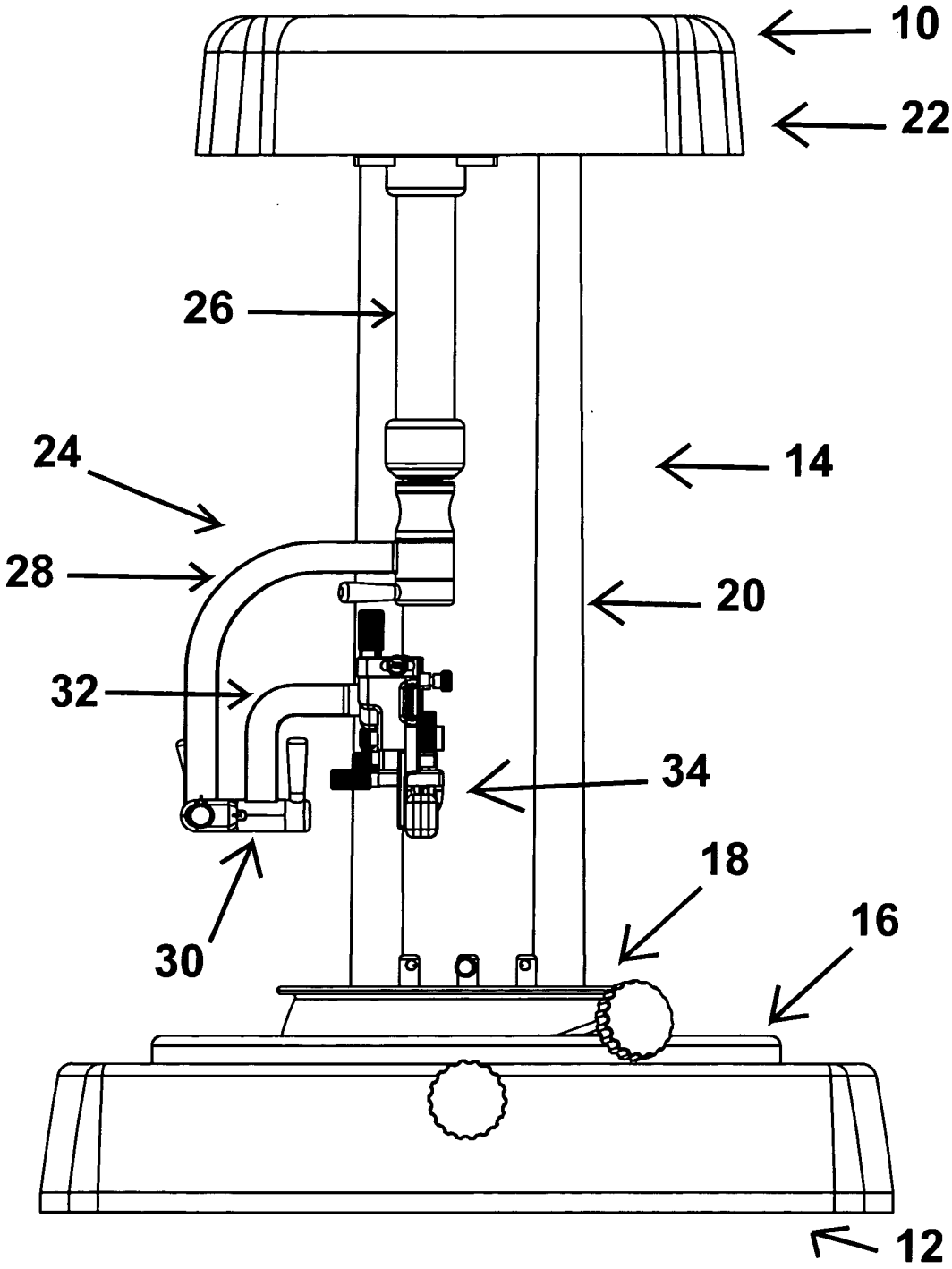


FIG.2

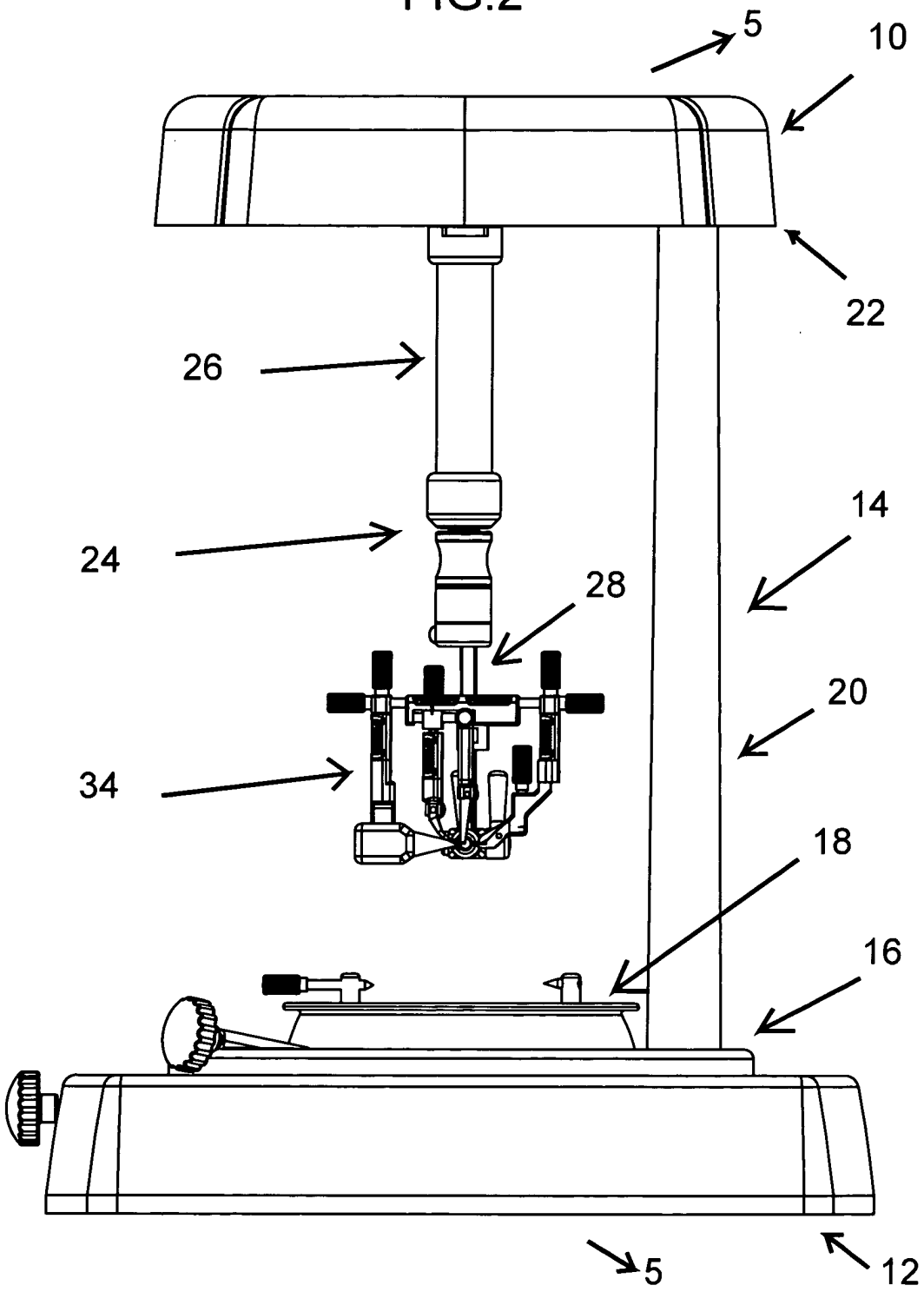


FIG.3

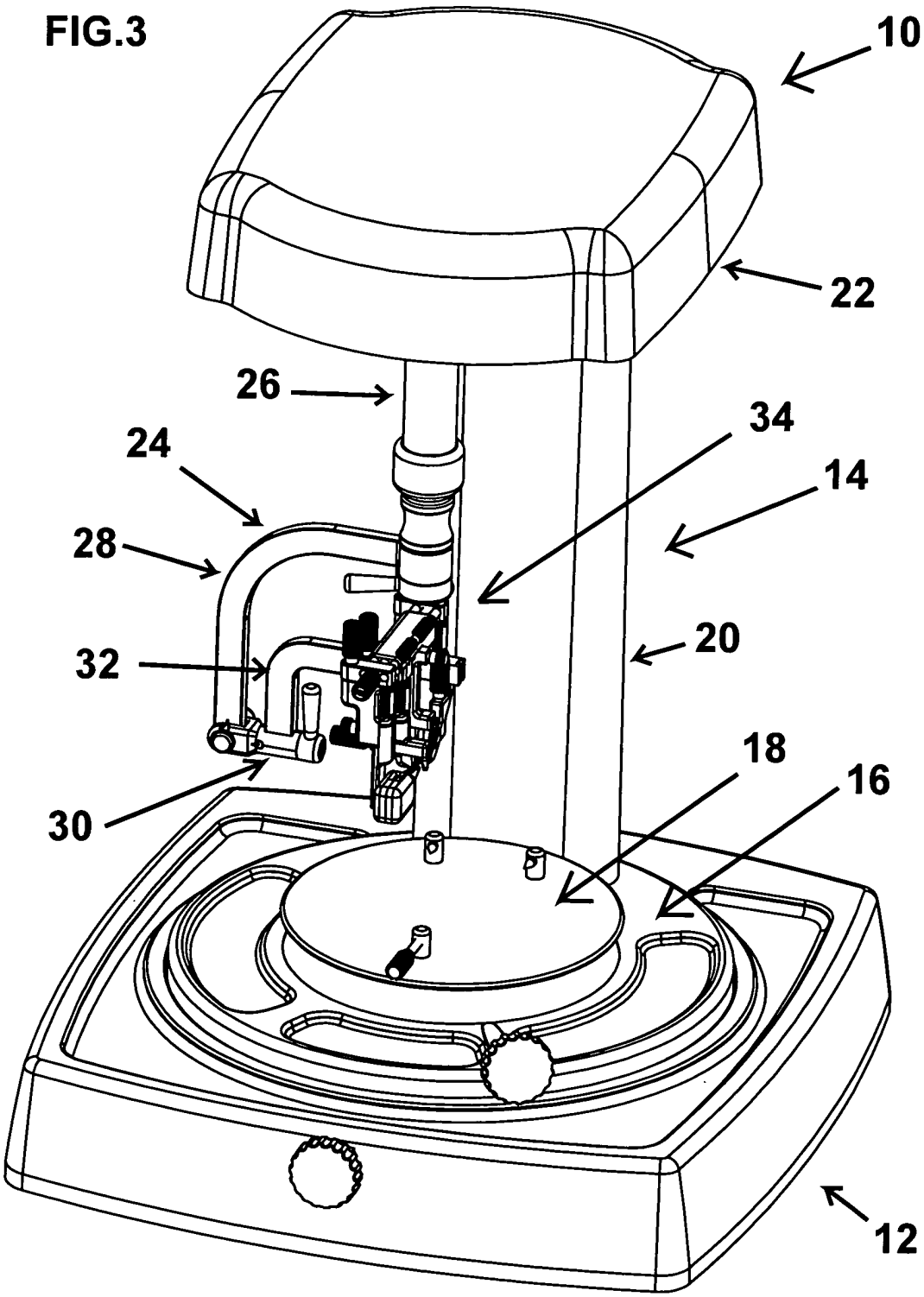


FIG.4

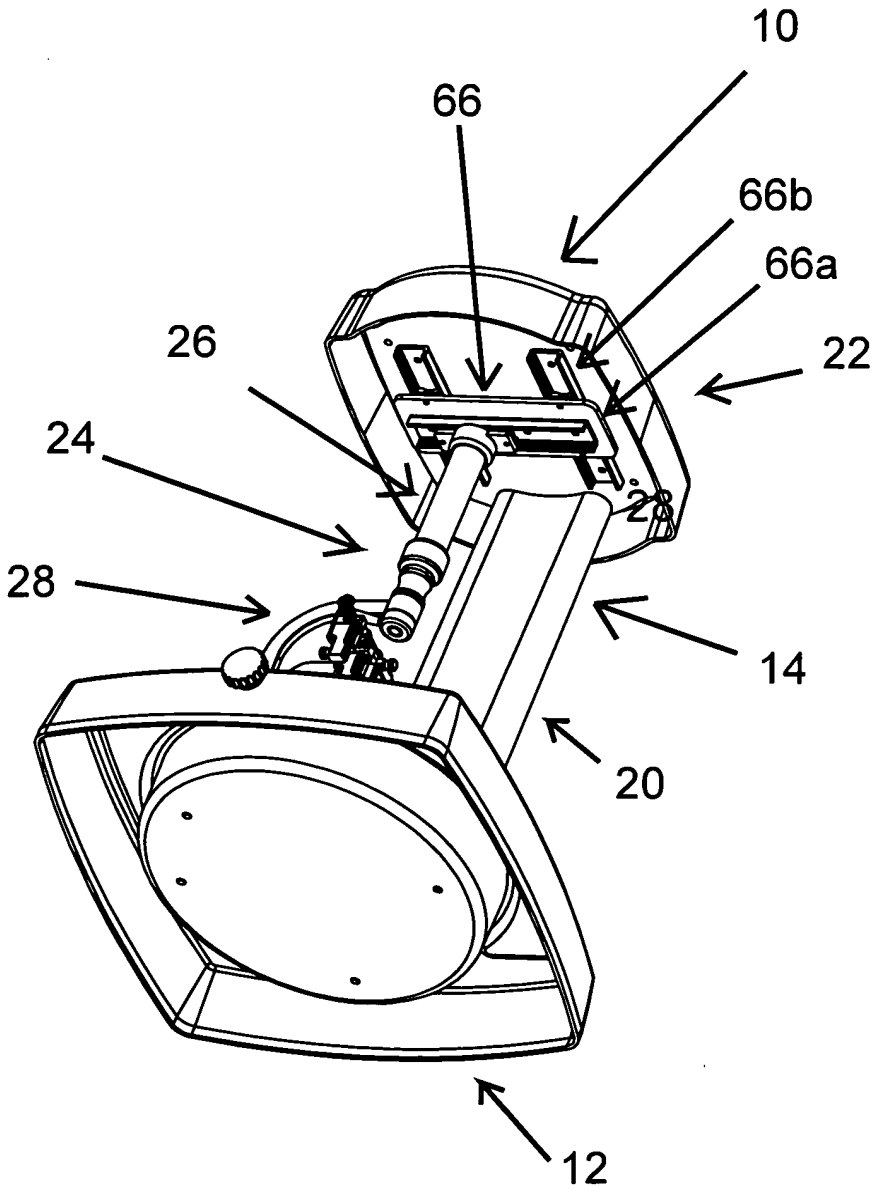


FIG.5

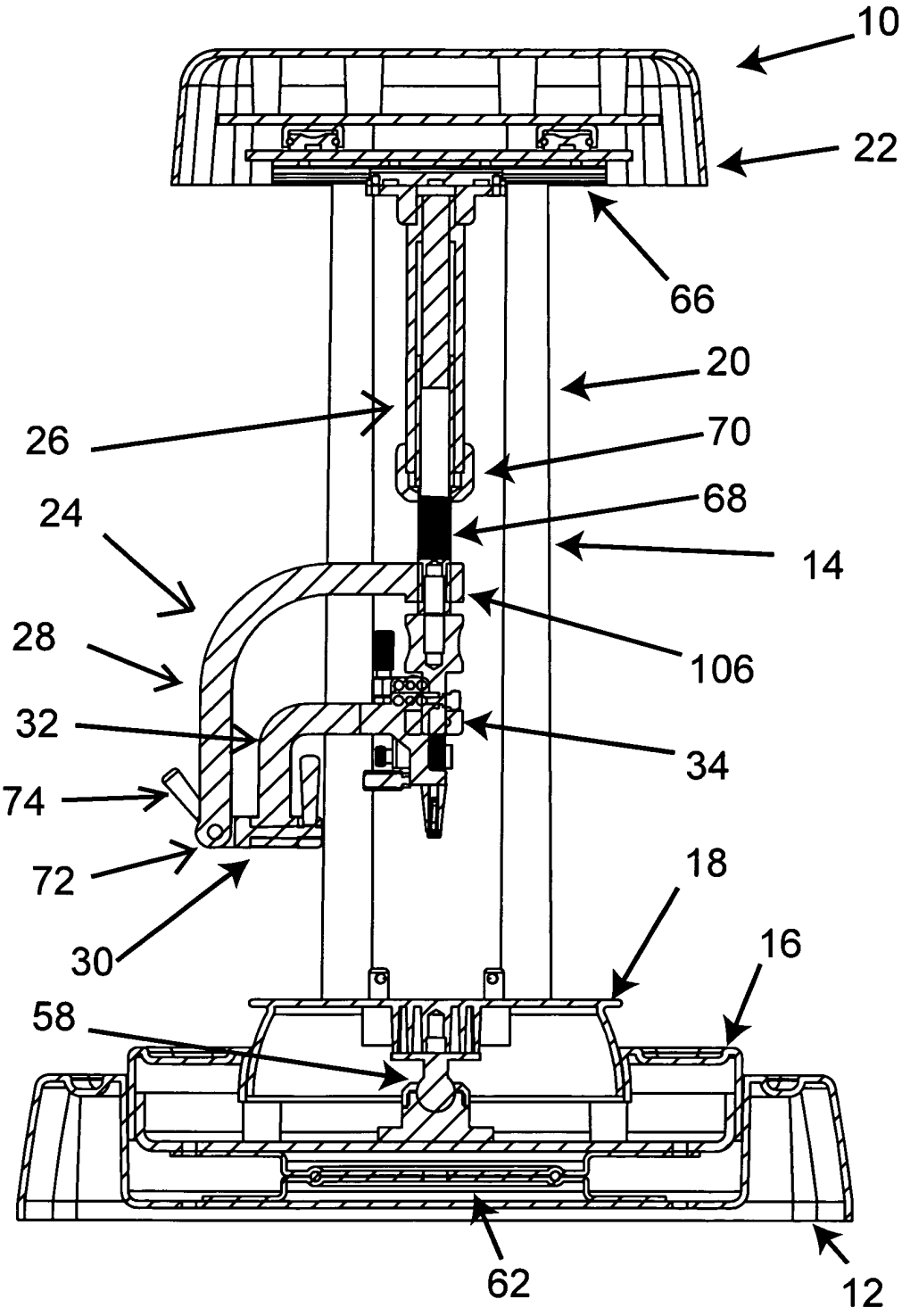


FIG.6

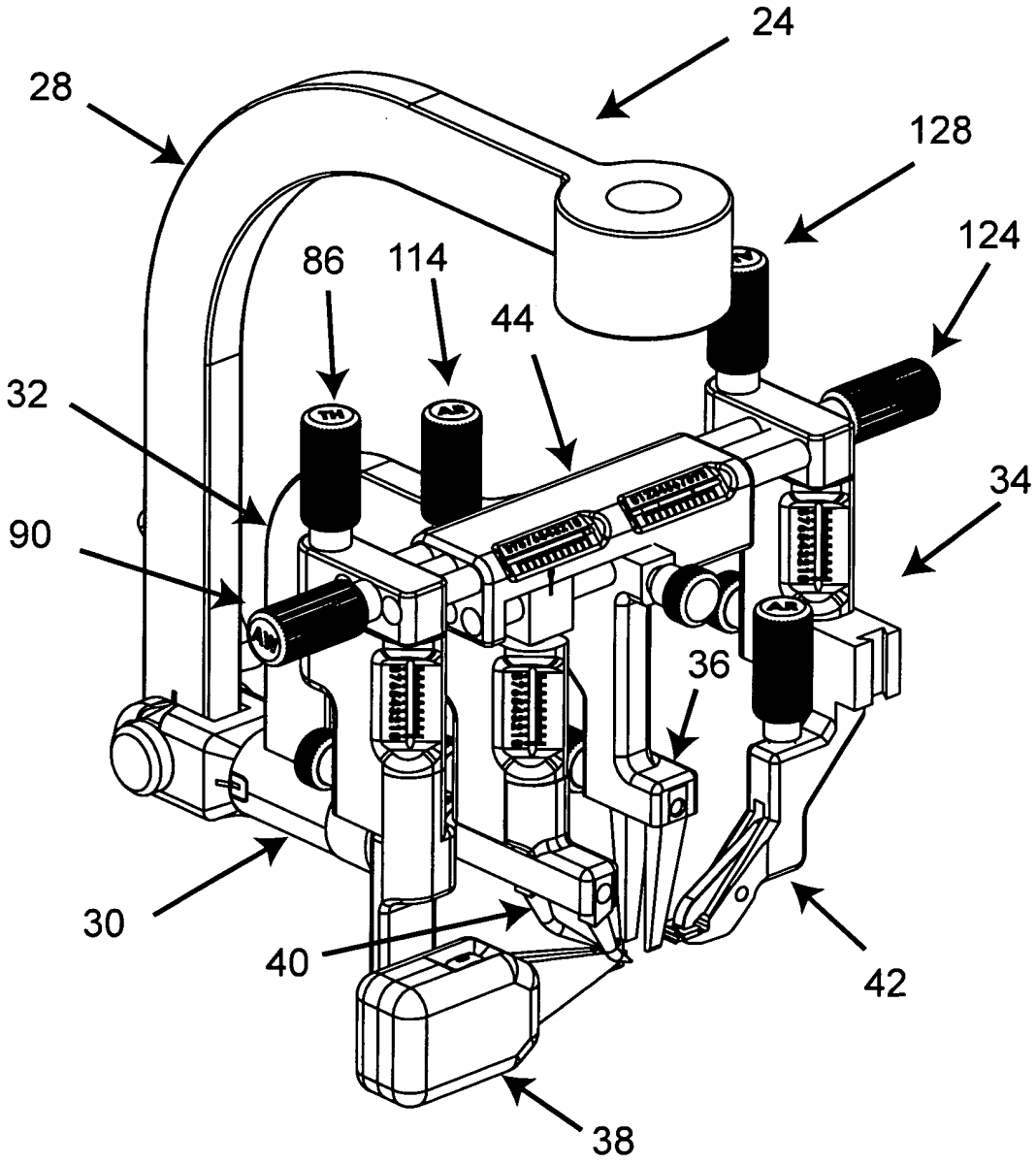


FIG.7

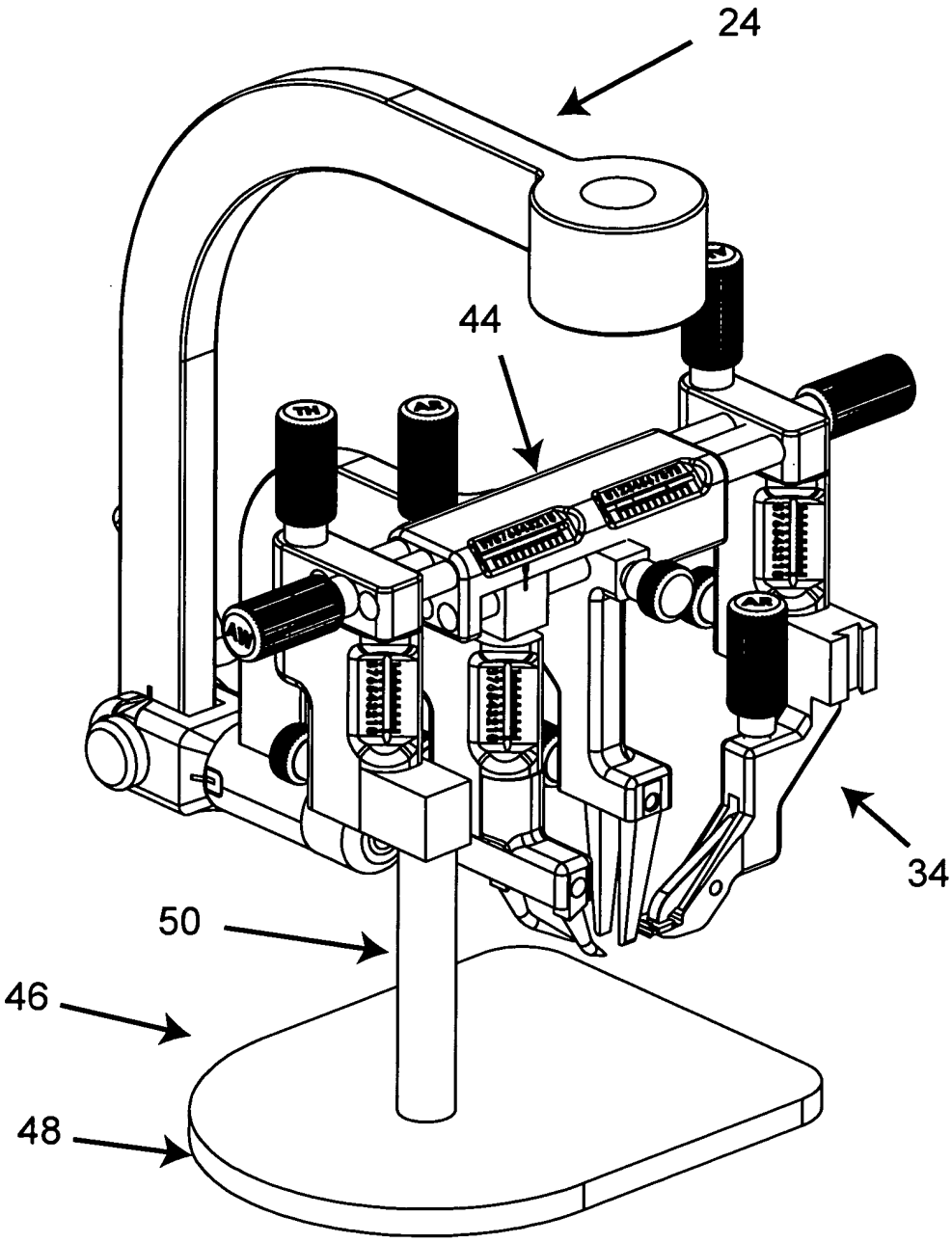


FIG.8

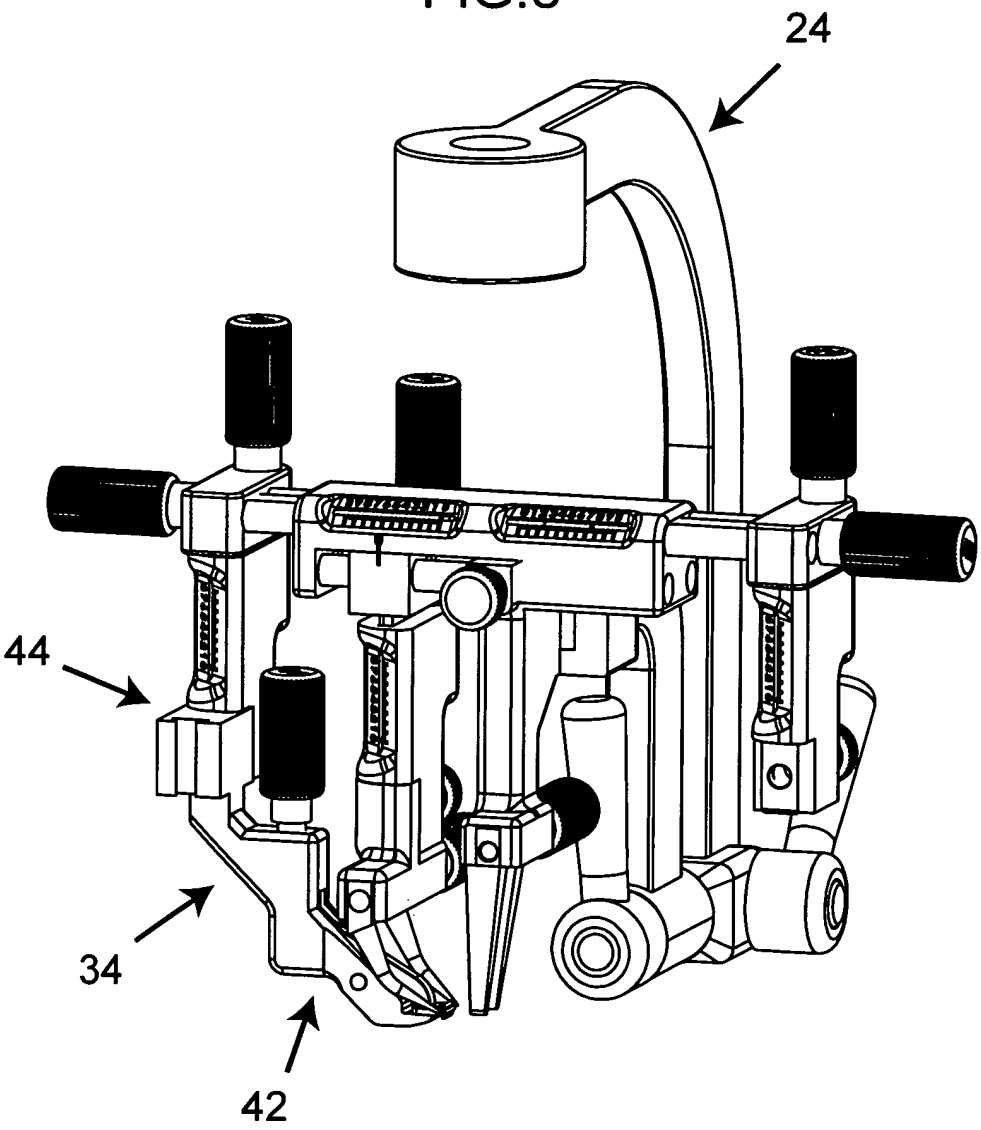


FIG.9

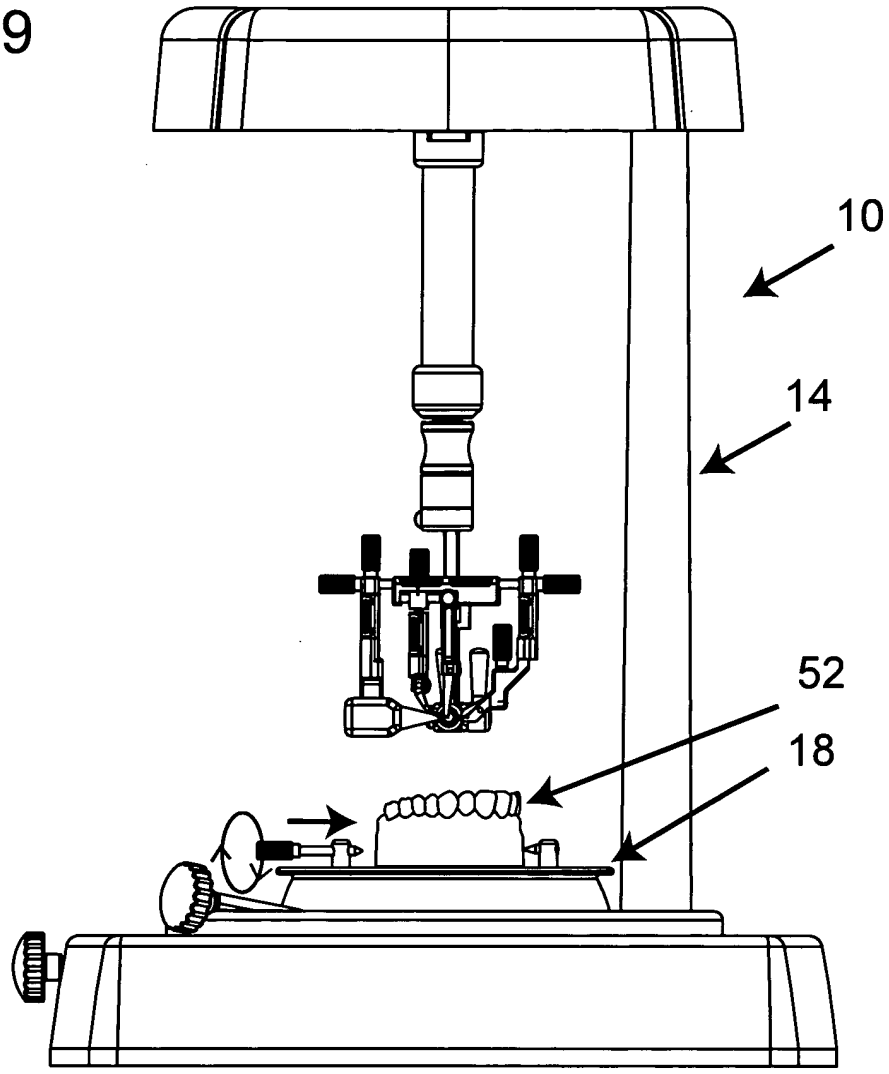


FIG.10

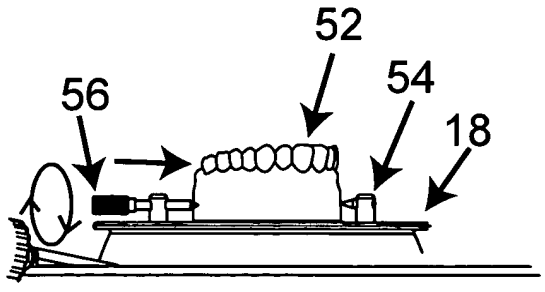


FIG.11

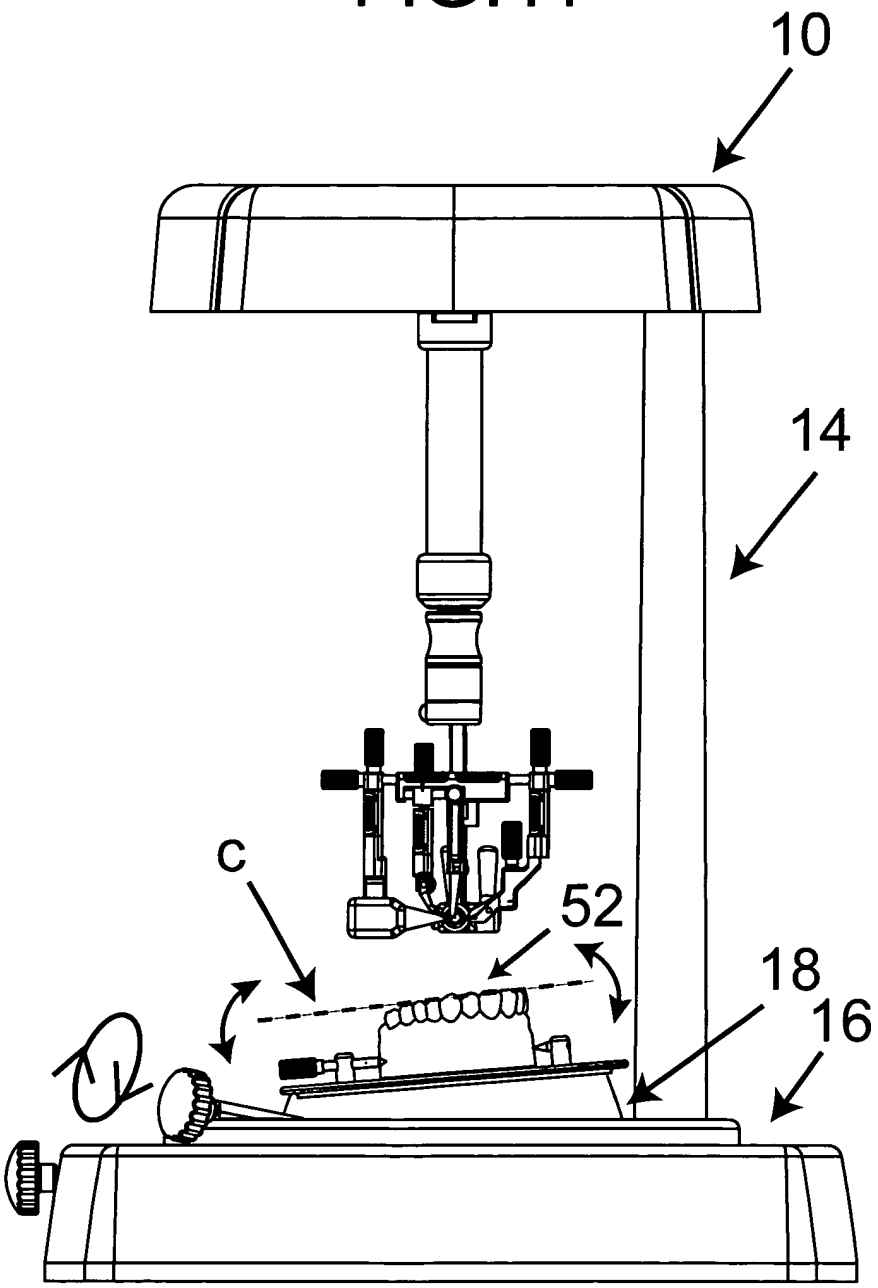


FIG.12

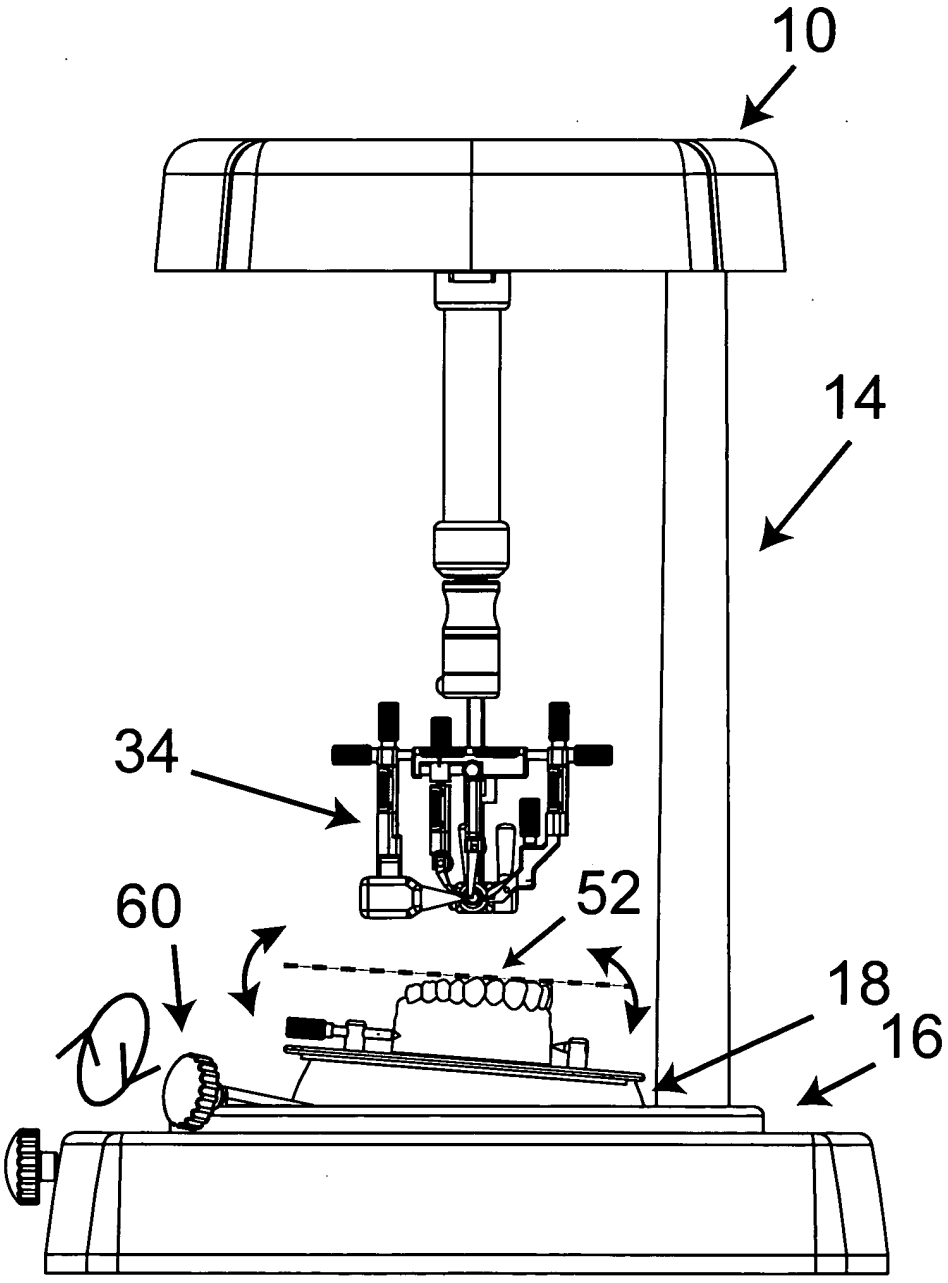


FIG.13

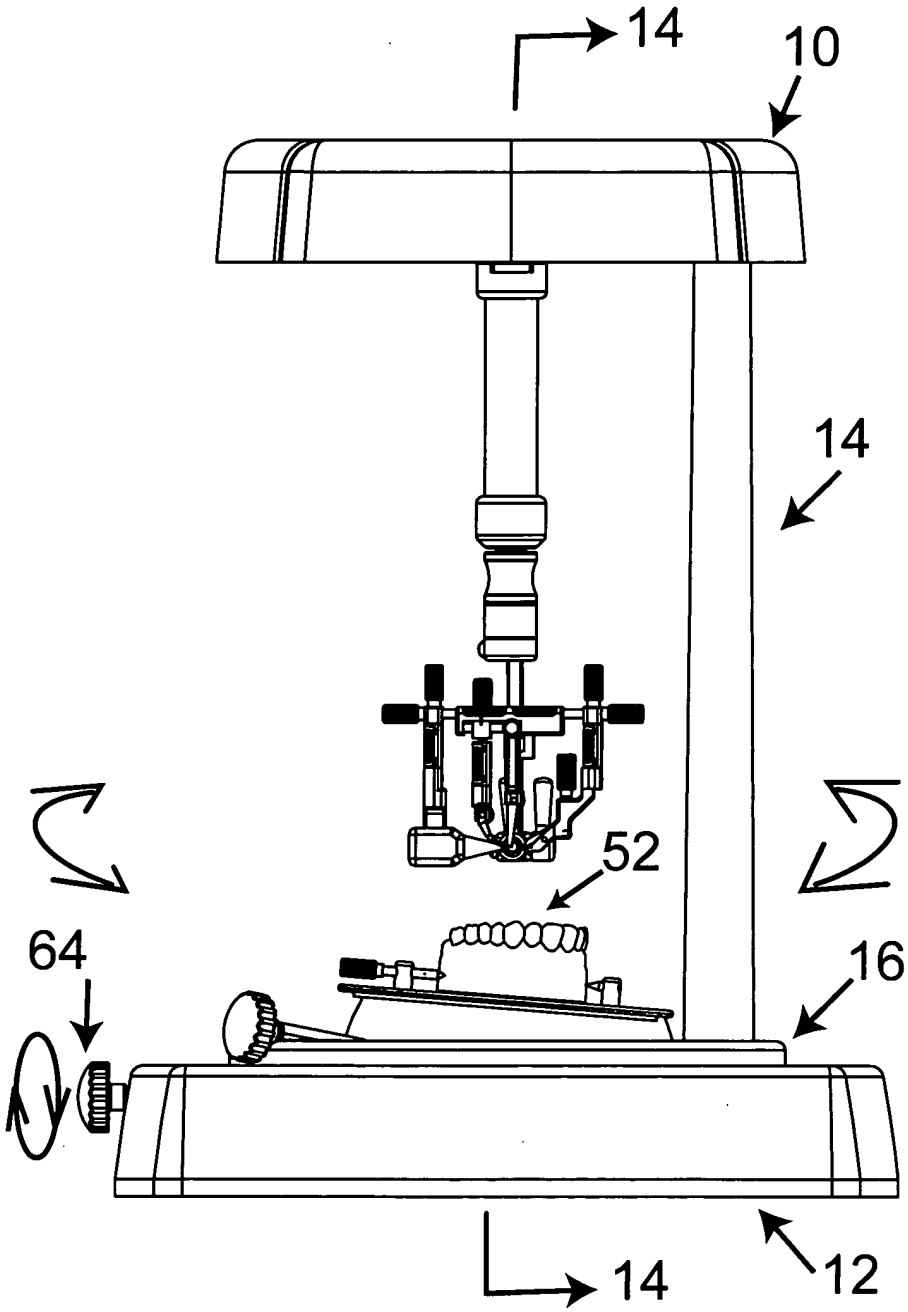


FIG.14

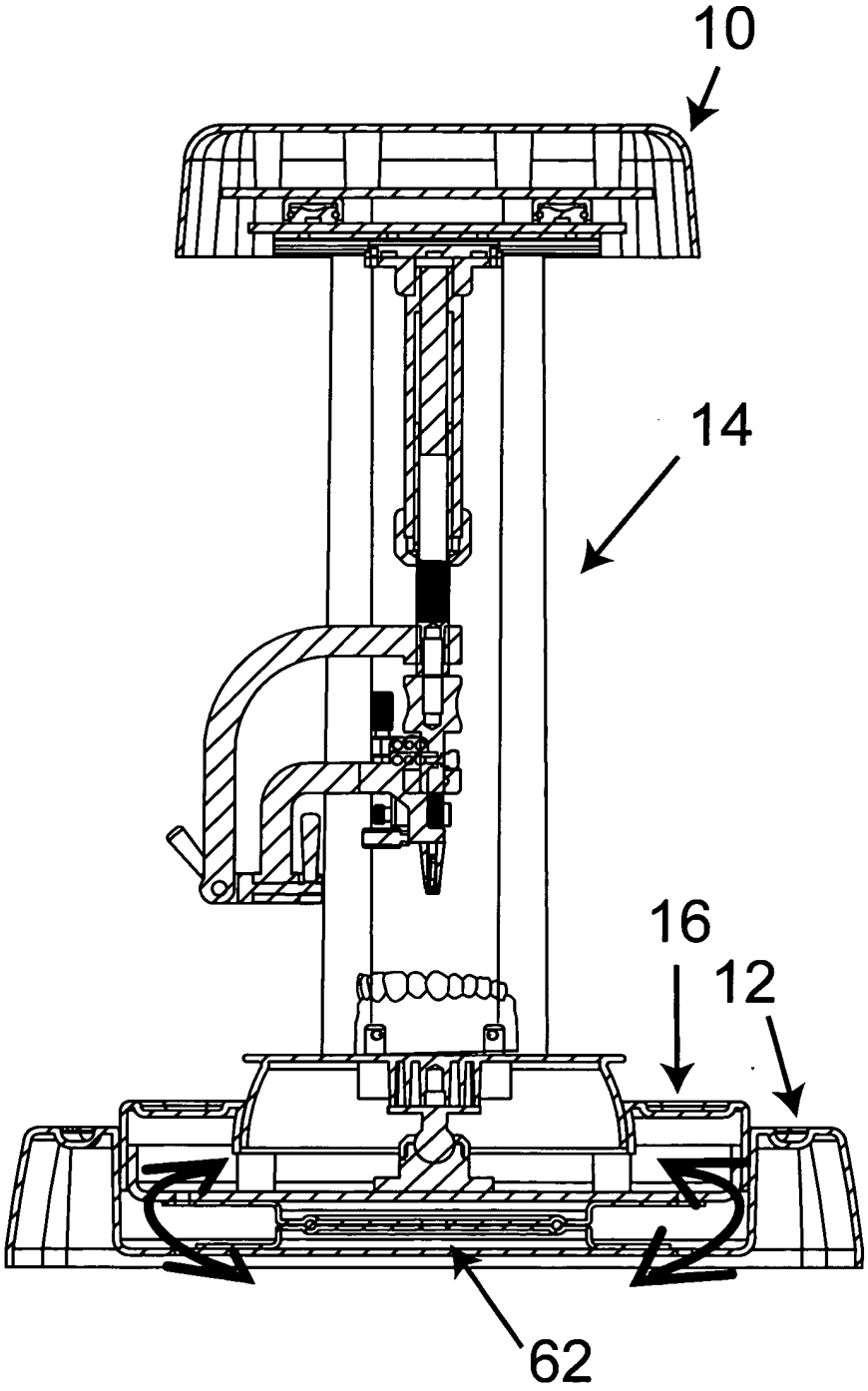


FIG.15

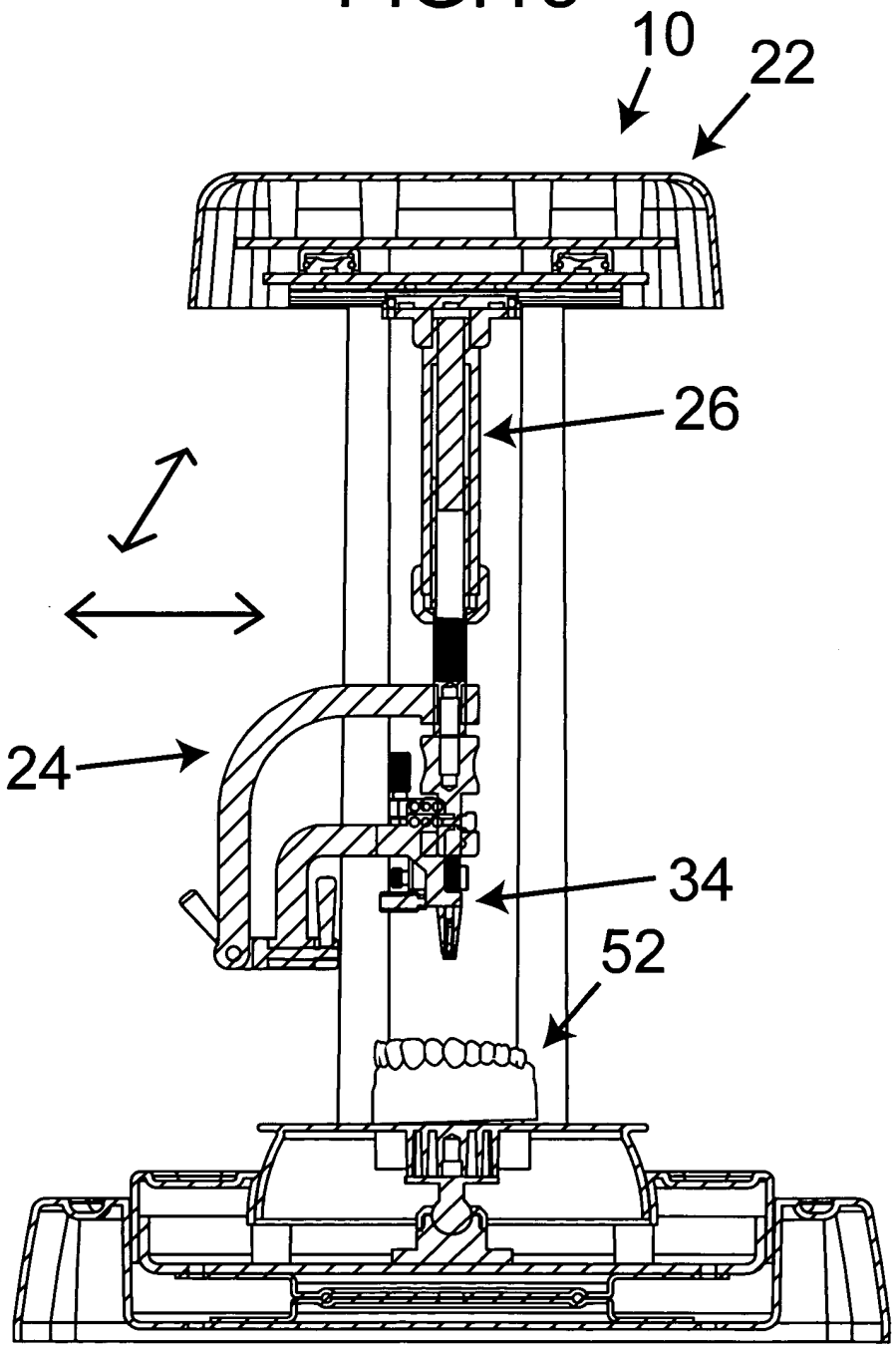


FIG.16

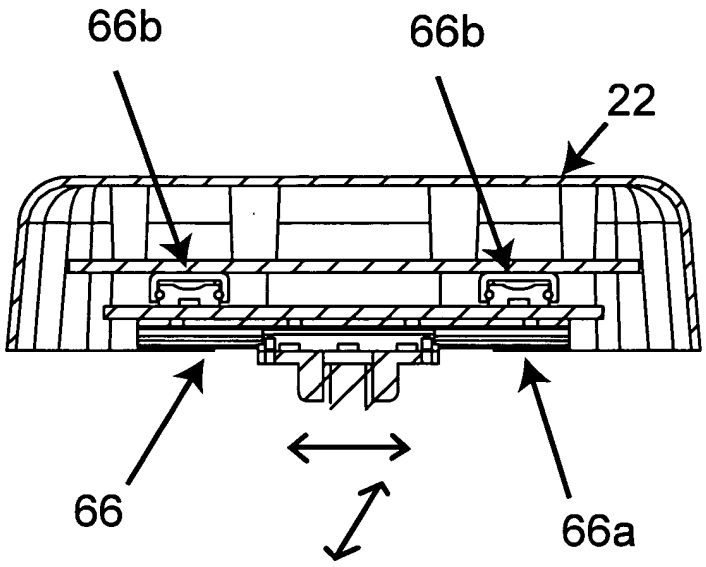


FIG.17

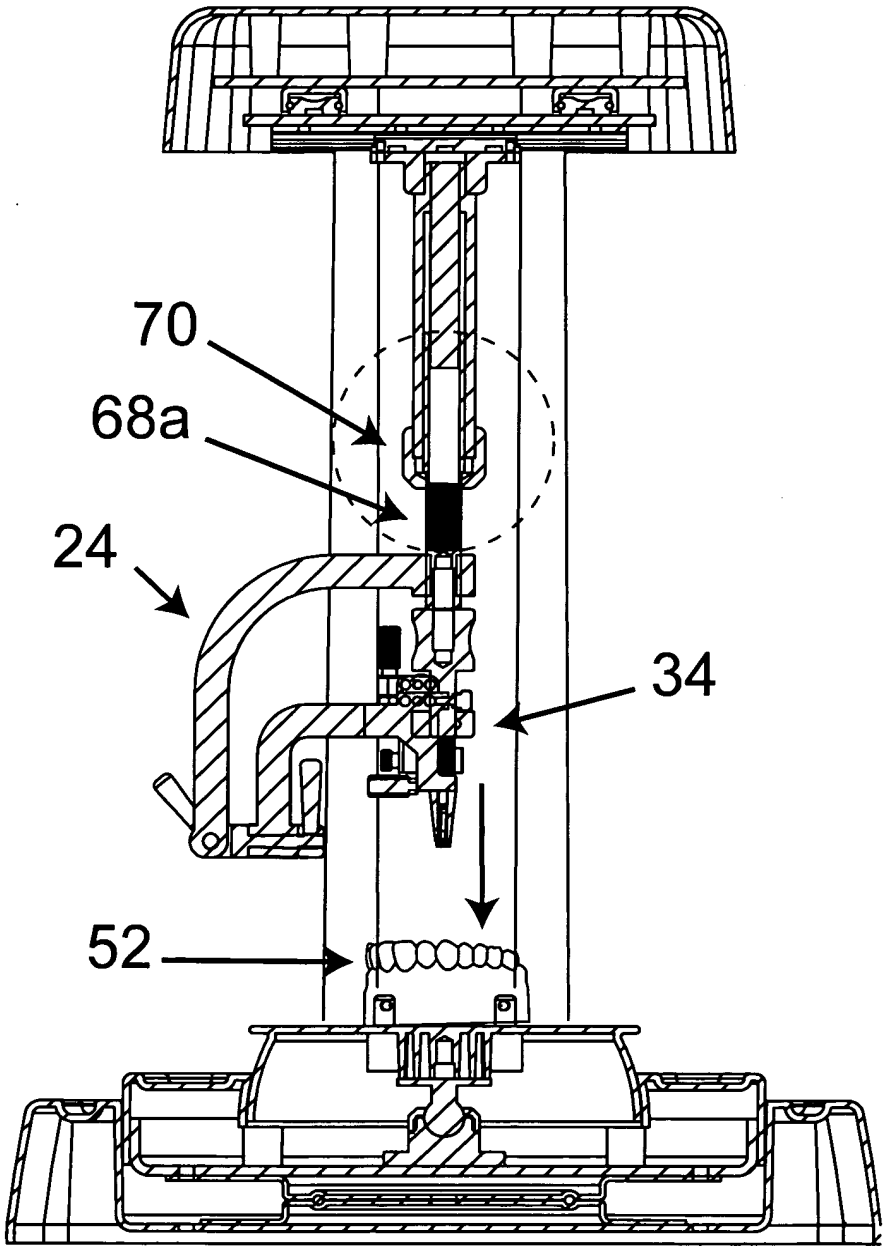


FIG.18

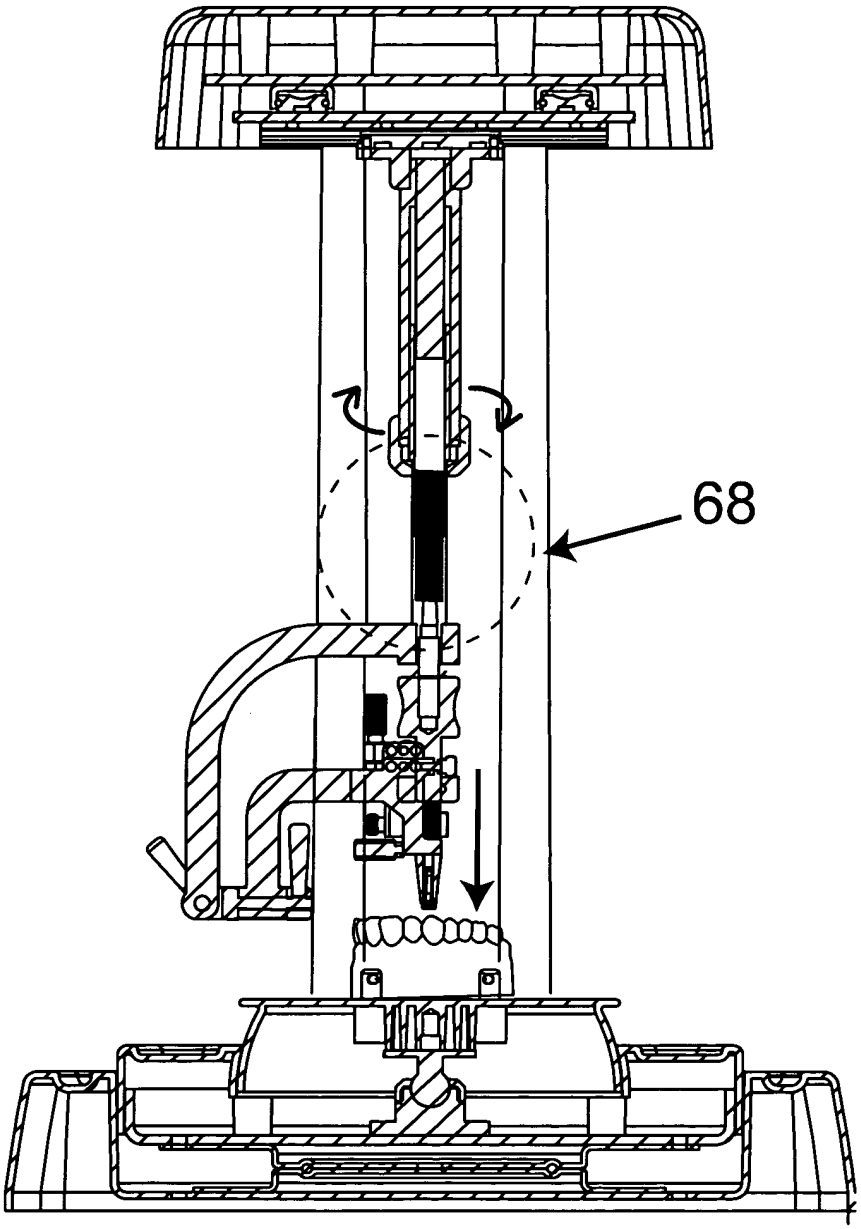


FIG.19

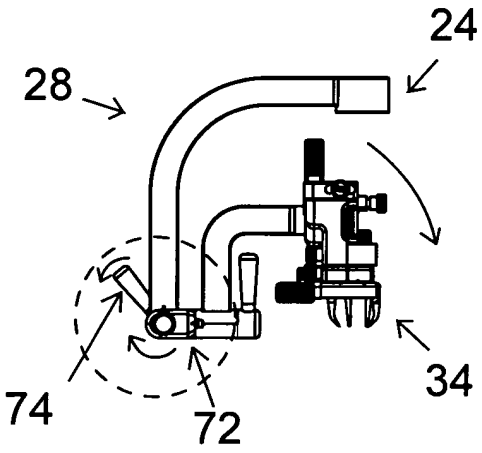


FIG.20

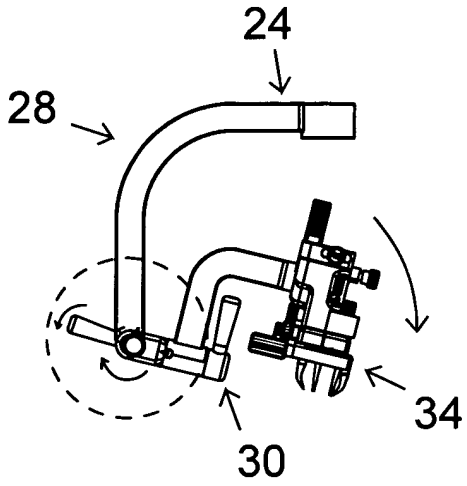


FIG.21

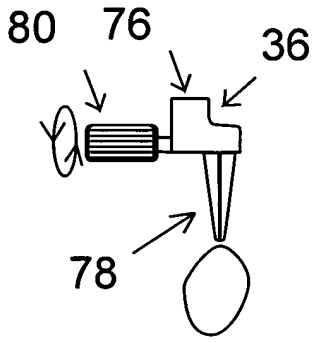


FIG.22

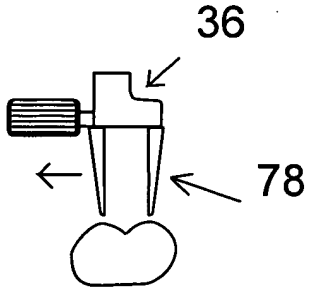


FIG.23

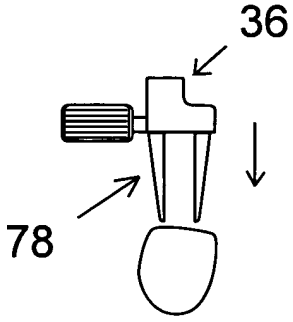


FIG.24

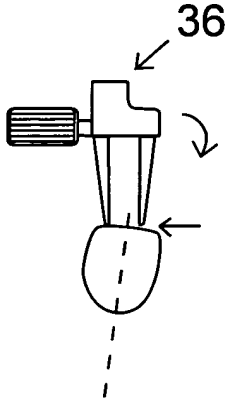


FIG.25

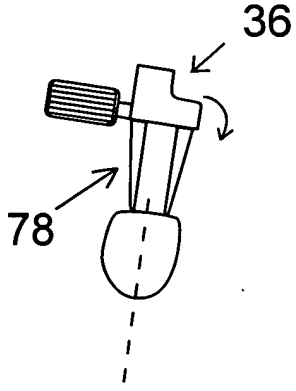
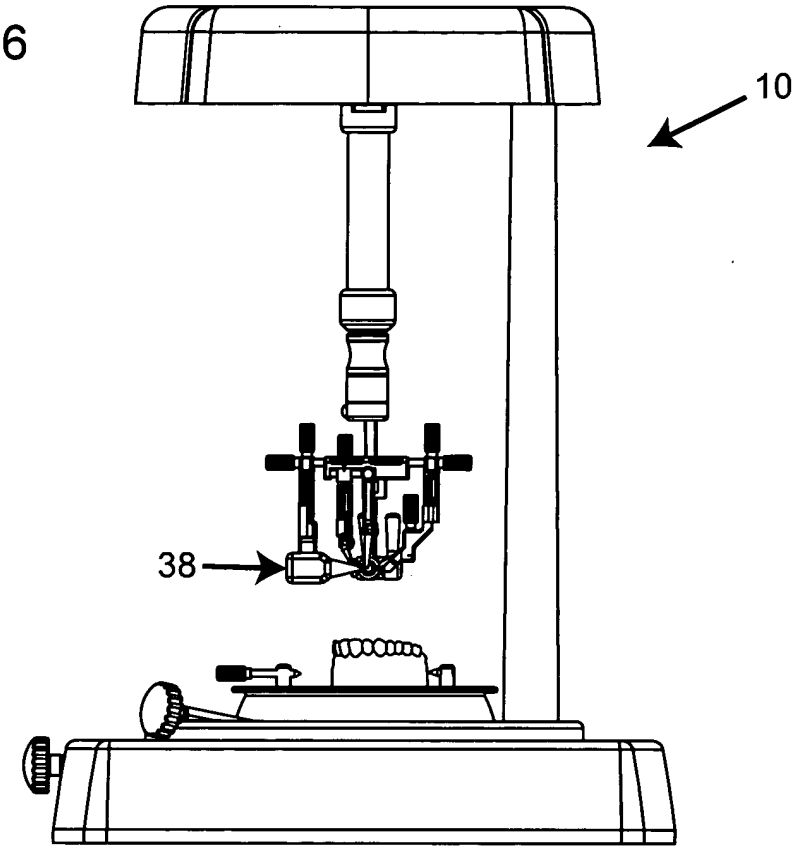


FIG.26



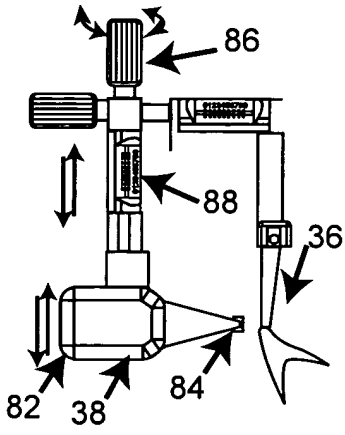


FIG.27

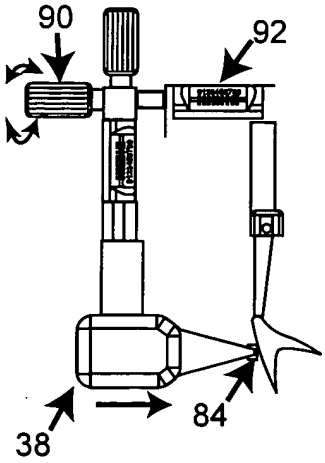


FIG.28

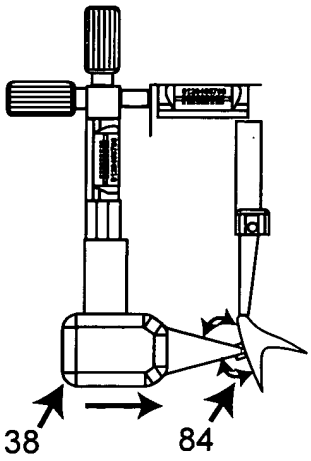


FIG.29

FIG.30

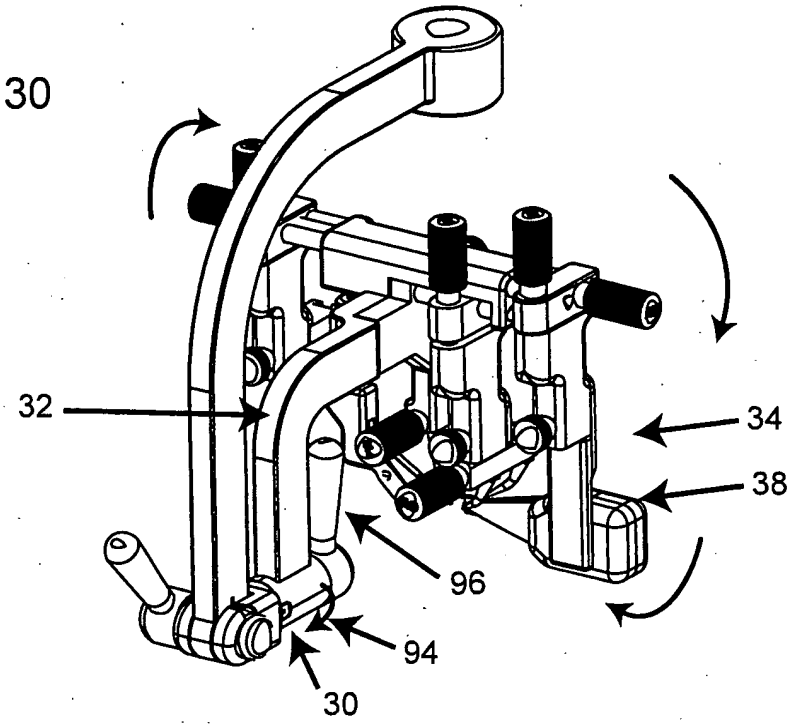


FIG.31

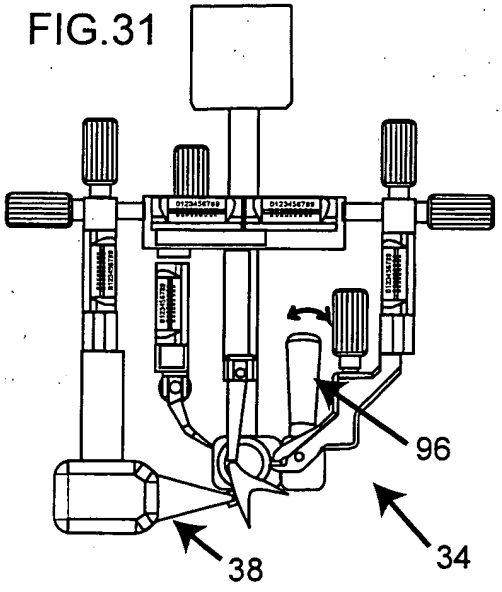


FIG.32

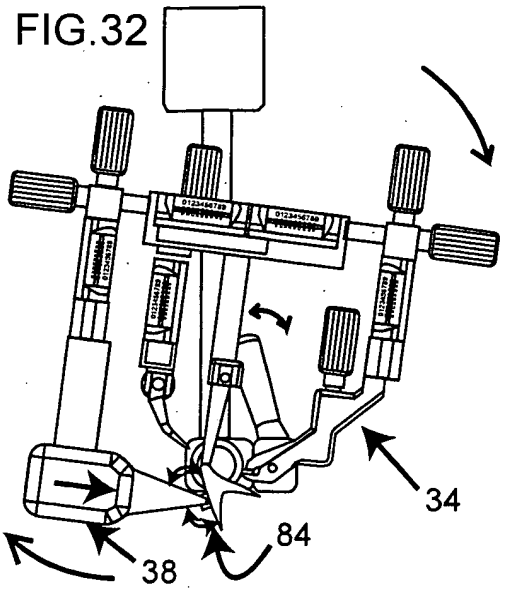


FIG.33

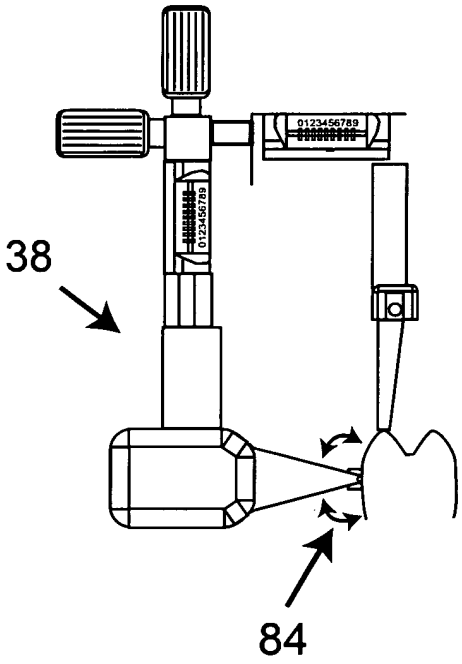


FIG.34

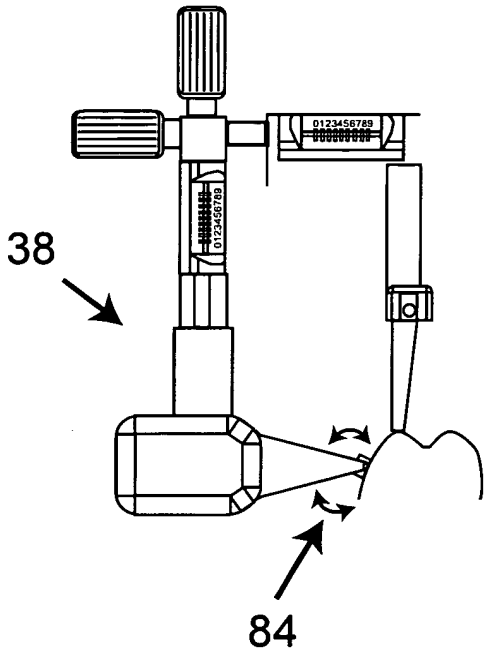


FIG.35

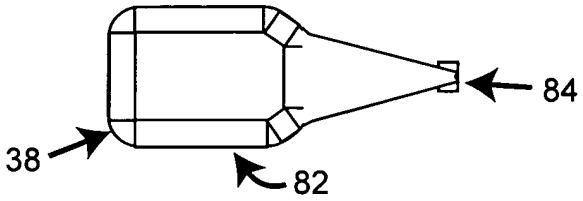


FIG.36

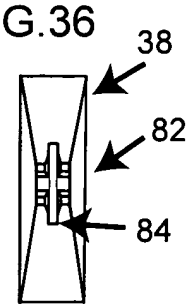


FIG.38

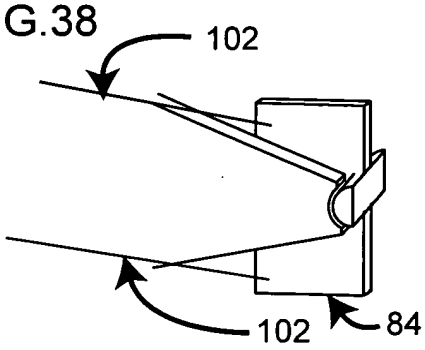


FIG.37

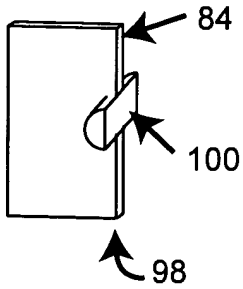


FIG.39

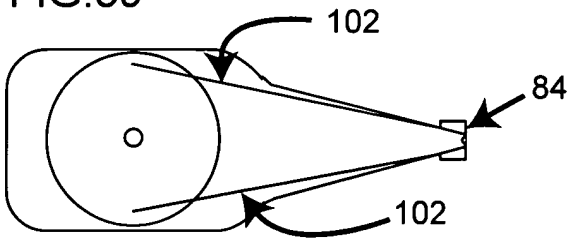


FIG.41

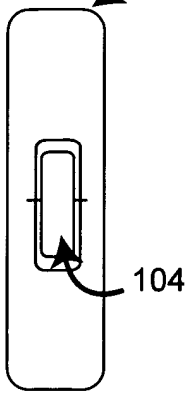


FIG.40

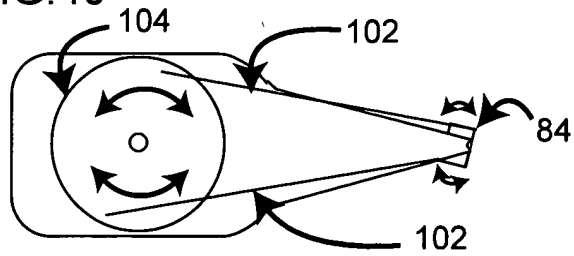


FIG.42

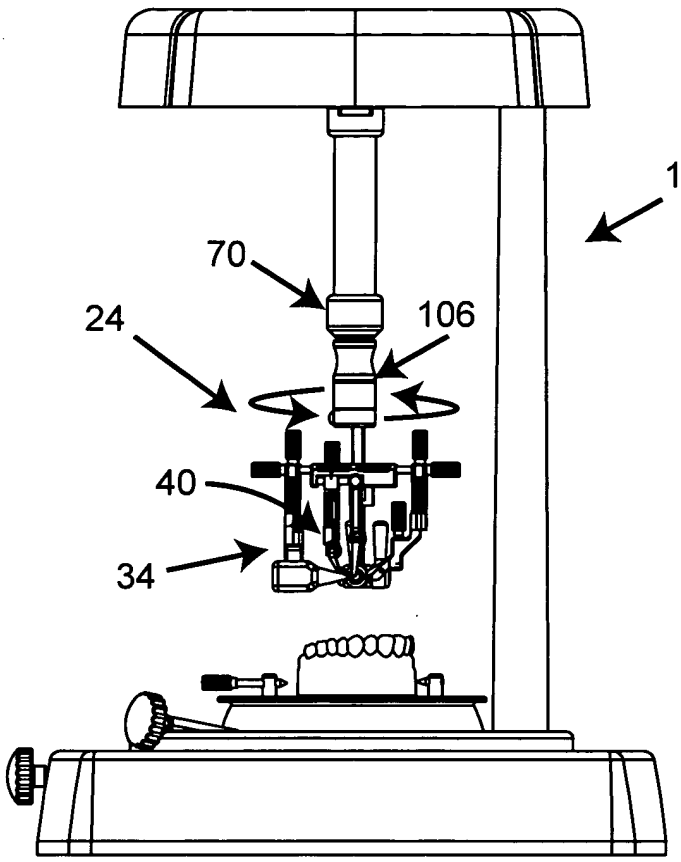


FIG.43

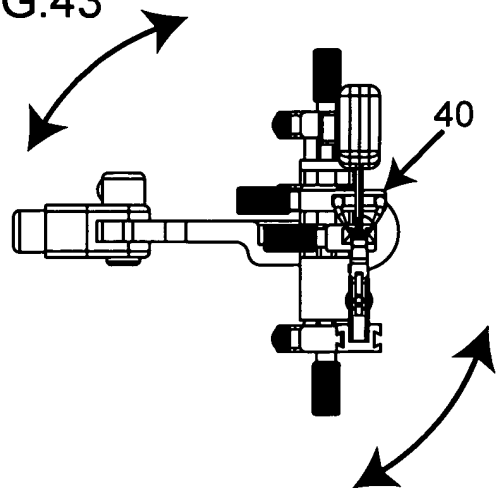


FIG.44

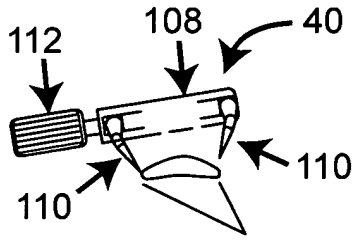


FIG.45

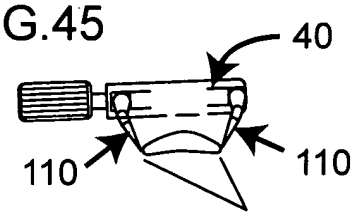
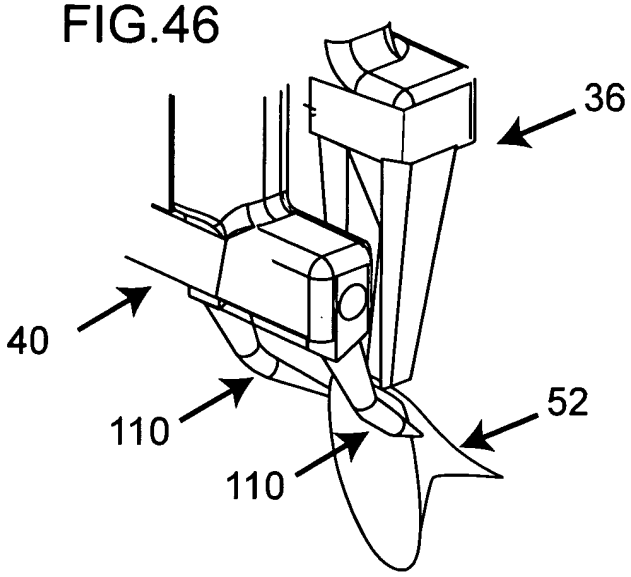


FIG.46



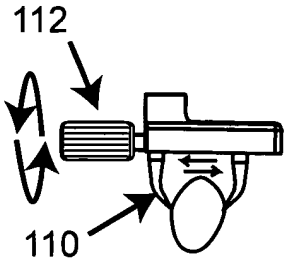


FIG.51

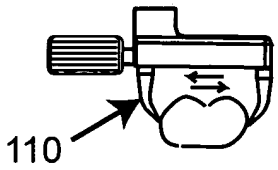


FIG.49

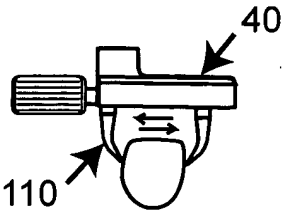


FIG.47

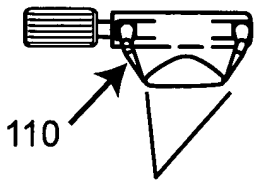


FIG.52

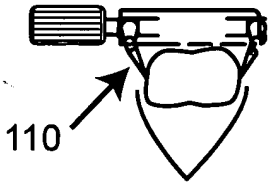


FIG.50

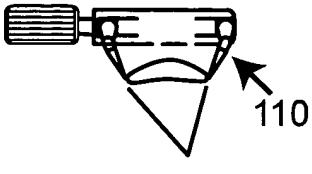


FIG.48

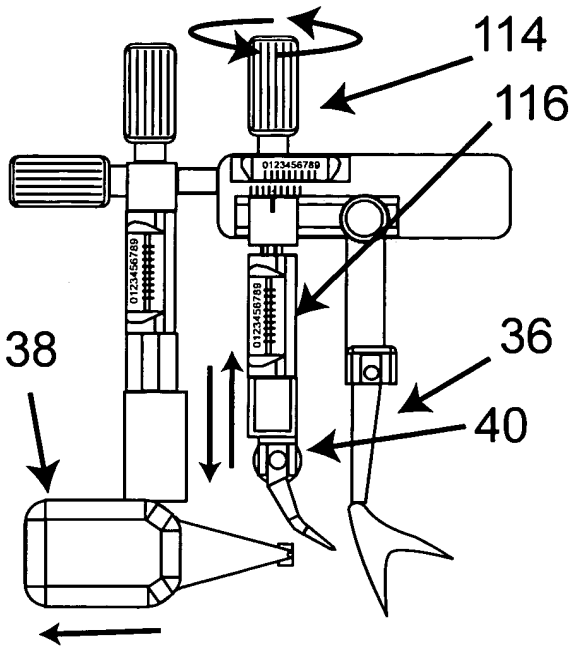


FIG.53

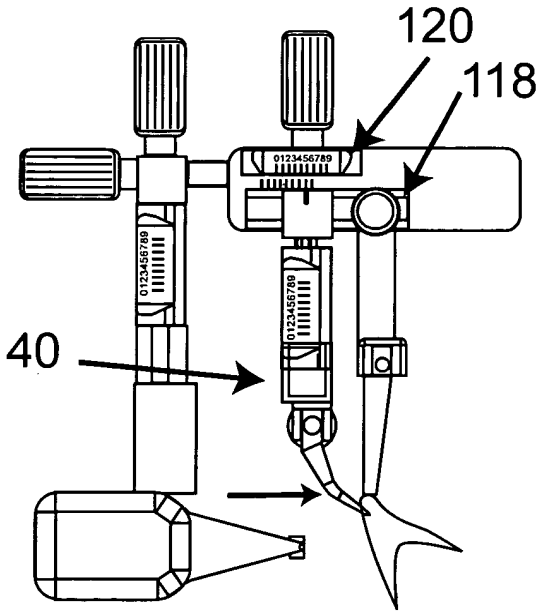


FIG.54

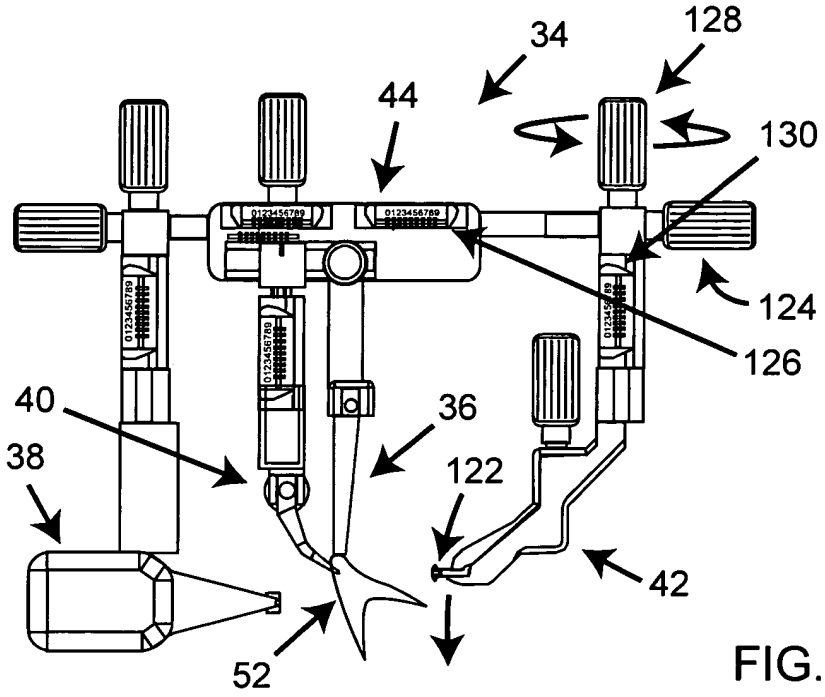


FIG.55

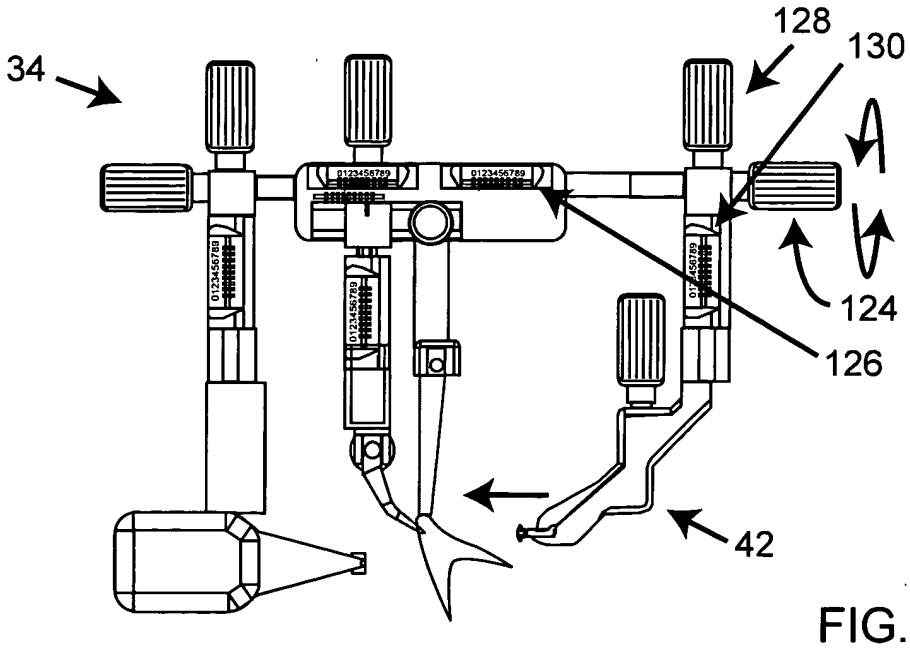


FIG.56

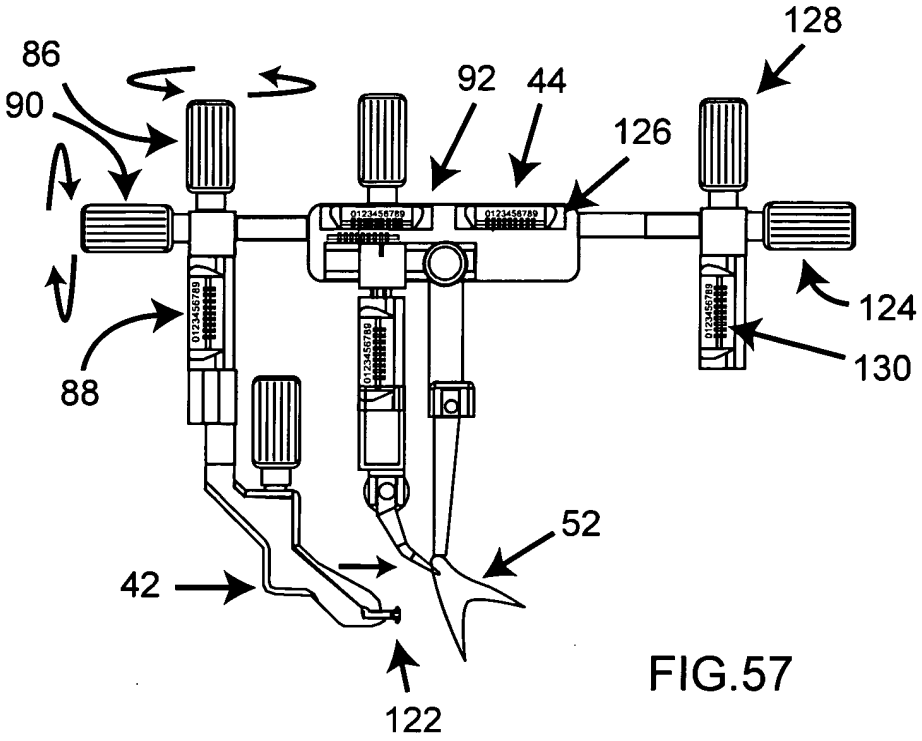


FIG.57

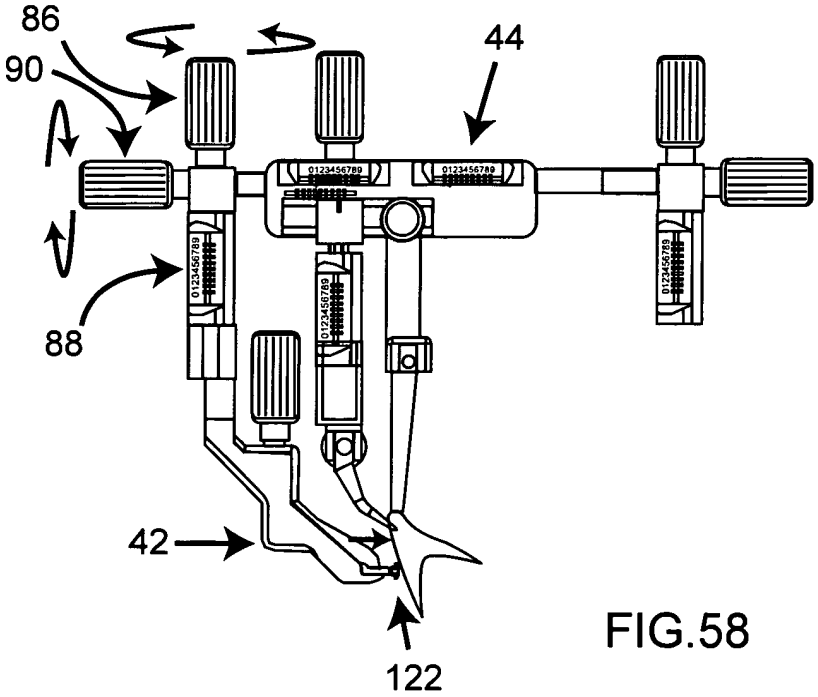


FIG.58

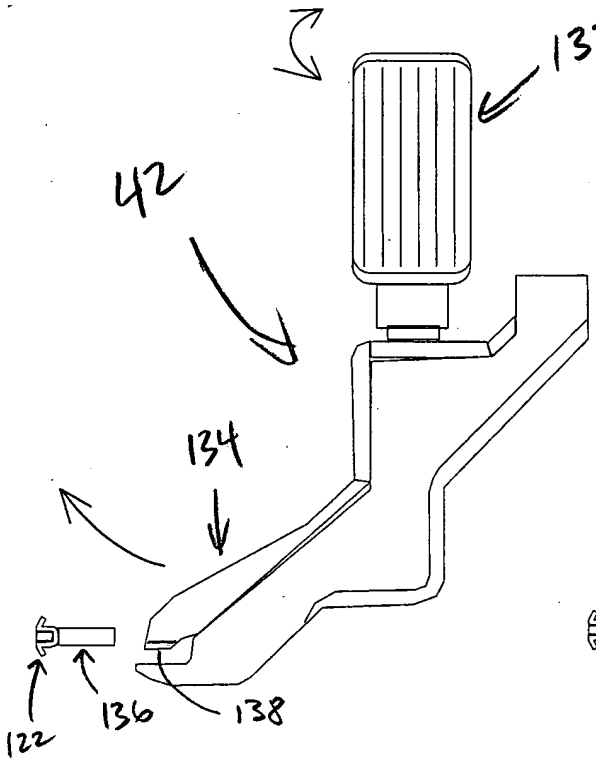


FIG. 59

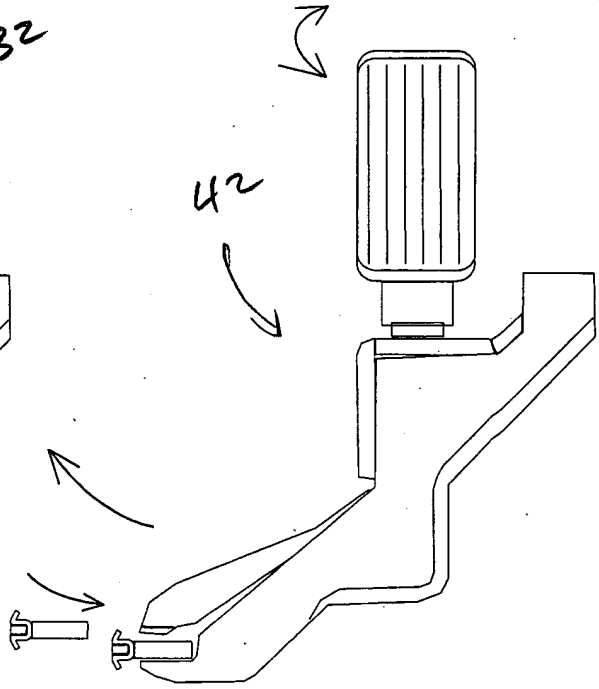


FIG. 61

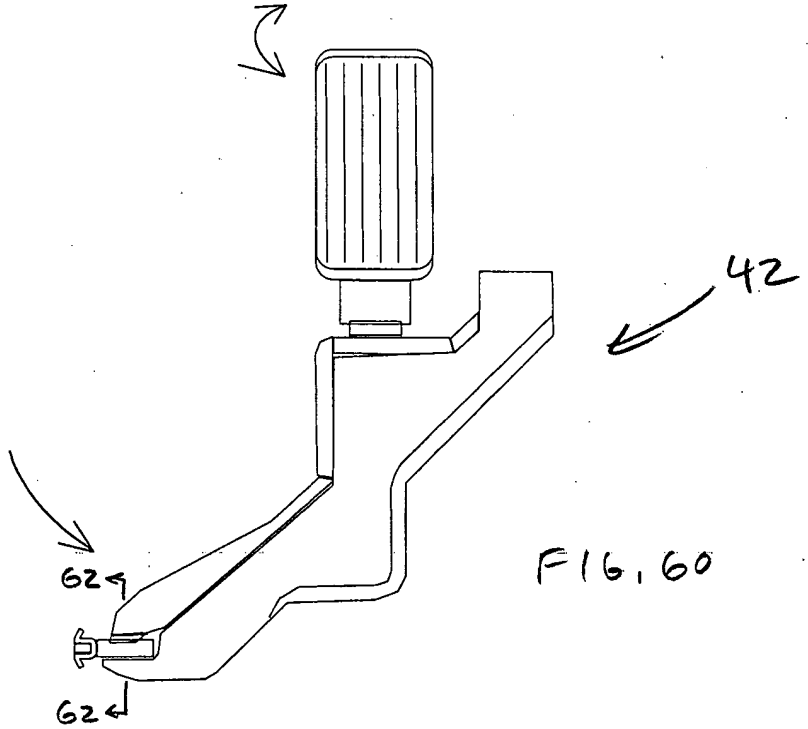


FIG. 60

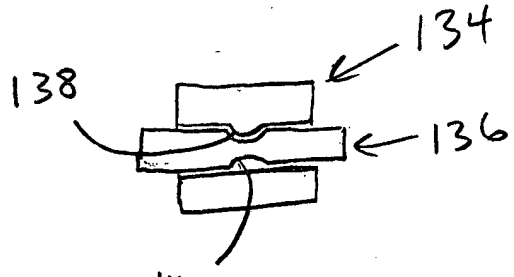


FIG. 62

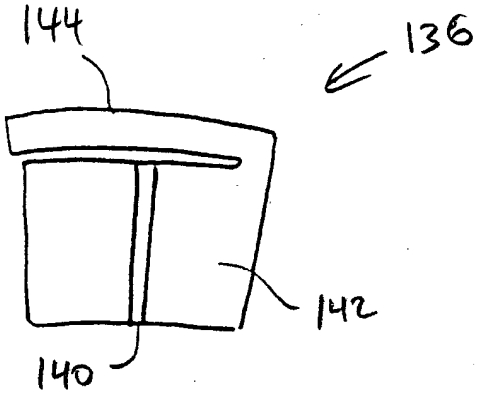


FIG. 63

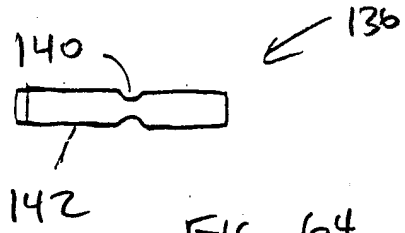


FIG. 64

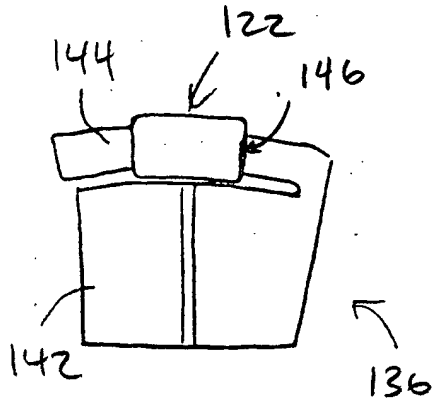


FIG. 65

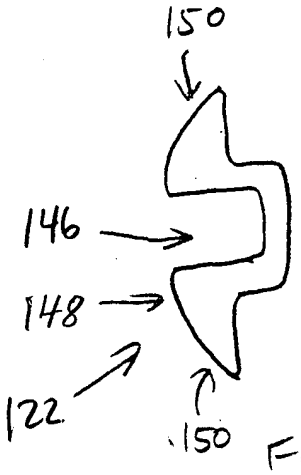


FIG. 66

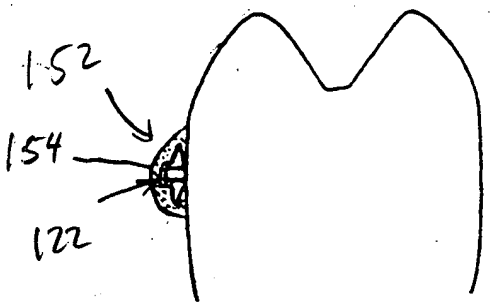


FIG. 67

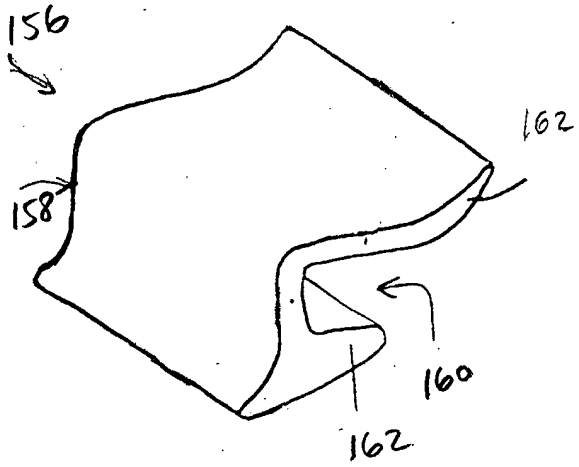


FIG. 68

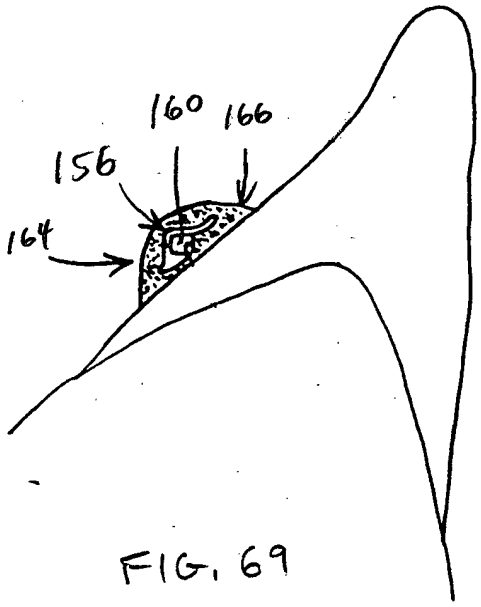


FIG. 69

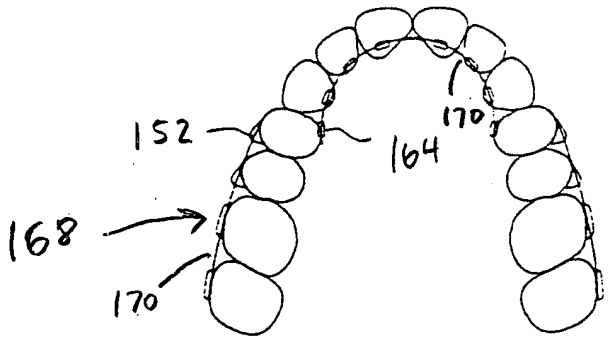


FIG. 70

		Third Molar	Second Molar	First Molar	Second Premolar	First Premolar	Canine	Lateral Incisor	Central Incisor	Central Incisor	Lateral Incisor	Canine	First Premolar	Second Premolar	First Molar	Second Molar	Third Molar
Upper Teeth	Tooth ID#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Torque	Pre-determined: average torque (deg)	-14	-14	-14	-7	-7	0	10	17	17	10	-7	-7	-14	-14	-14	-14
	Torque Chosen (deg)																
Vertical	Pre-determined: vertical offset (mm)	-2.0	-2.0	-1.5	-1.0	-0.5	0.0	-0.5	0.0	0.0	-0.5	0.0	-0.5	-1.0	-1.5	-2.0	-2.0
	Reference plane																
	Absolute: vertical chosen (mm)																
"In-Out" Offset	Height (and type) of reference point																
	Width ...actual.. (mm)																
	Width Chosen (mm)																
Lower Teeth	Tooth ID#	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
Torque	Pre-determined: average torque (deg)	-20	-20	-20	-17	-12	-6	-6	-6	-6	-6	-6	-12	-17	-20	-20	-20
	Torque Chosen (deg)																
Vertical	Pre-determined: vertical offset.... (mm)	-1.5	-1.5	-1.0	-0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	-1.0	-1.5	-1.5
Reference plane	Absolute: vertical chosen (mm)																
"In-Out" Offset	Height (and type) of reference point																
	Width ...actual.. (mm)																
	Width Chosen (mm)																

174

176

174

176

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FIG.71

INVENTOR: REISING, BRIAN C.
TITLE: "ORTHODONTIC BRACKET POSITIONING DEVICE AND METHOD"
SERIAL NO.: 10/750,194; FILED: DECEMBER 31, 2003
ATTY: JOHN W. GREENWALD; ATTY TEL: 770.984.2300

		Third Molar	Second Molar	First Molar	Second Premolar	First Premolar	Canine	Lateral Incisor	Central Incisor	Central Incisor	Lateral Incisor	Canine	First Premolar	Second Premolar	First Molar	Second Molar	Third Molar	
Upper Teeth	Tooth ID#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Torque	Pre-determined: average torque (deg)	-14	-14	-14	-7	-7	0	10	17	17	10	-7	-7	-14	-14	-14	-14	← 174
	Torque Chosen (deg)																	
Vertical	Pre-determined: vertical offset (mm)	-2.0	-2.0	-1.5	-1.0	-0.5	0.0	-0.5	0.0	0.0	-0.5	0.0	-0.5	-1.0	-1.5	-2.0	-2.0	← 176
	Reference plane	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	Absolute: vertical chosen (mm)	2	2	2.5	3	3.5	4	3.5	4	4	3.5	4	3.5	3	2.5	2	2	
"In-Out" Offset	Height (and type) of reference point																	
	Width ...actual.. (mm)	3.5	3.5	3.5	3.25	3.25	3.75	3.25	3.5	3.5	3.25	3.75	3.25	3.25	3.5	3.5	3.5	
	Width Chosen (mm)	3.5	3.5	3.5	3.5	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.5	3.5	3.5	3.5	3.5	
Lower Teeth	Tooth ID#	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
Torque	Pre-determined: average torque (deg)	-20	-20	-20	-17	-12	-6	-6	-6	-6	-6	-6	-12	-17	-20	-20	-20	← 174
	Torque Chosen (deg)																	
Vertical	Pre-determined: vertical offset.... (mm)	-1.5	-1.5	-1.0	-0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	-1.0	-1.5	-1.5	← 176
Reference plane	Absolute: vertical chosen (mm)																	
"In-Out" Offset	Height (and type) of reference point																	
	Width ...actual.. (mm)																	
	Width Chosen (mm)																	

posterior segment — anterior segment — posterior segment

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FIG.72